

Rebuild Kit Instructions

CHECK VALVE
LOW PRESSURE STEAM SERVICE
3/4 OR 1 NPT — 1" ORIFICE

REBUILD KIT

No. 513700

Form No.V7440

MAINTENANCE

⚠ WARNING: To prevent the possibility of death, serious injury or property damage, depressurize valve and vent fluid to a safe area before servicing the valve

Note: It is not necessary to remove the valve from the pipeline for repairs.

INSTALLATION OF REBUILD KIT

Valve Disassembly (Refer to Figure 1)

1. Disassemble valve in an orderly fashion using exploded view for identification and placement of parts.
2. Unscrew end cap from valve body.
3. Remove end cap gasket, return spring and disc holder assembly from valve body.
4. All parts are now accessible for cleaning or replacement. If parts are worn or damaged, install a complete rebuild kit.

⚠ CAUTION: To ensure proper valve operation, install all parts supplied in rebuild kit. Do not mix old and new parts.

Valve Reassembly

1. Reassemble valve using exploded view for identification and placement of parts.
2. Lubricate end cap gasket with DOW CORNING® 200 Fluid lubricant or an equivalent high-grade silicone fluid.
3. Install new disc holder assembly and return spring in valve body.
4. Position end cap gasket on end cap.
5. Hand thread end cap with gasket onto valve body as far as possible, then torque to 175 ± 25 in-lbs [$19,8 \pm 2,8$ Nm].

⚠ WARNING: To prevent the possibility of death, serious injury or property damage, check valve for proper operation before returning to service. Also perform internal seat and external leakage tests with a nonhazardous, noncombustible fluid.

6. Restore line pressure valve.
7. After maintenance is completed, operate the valve a few times to be sure of proper operation.

ORDERING INFORMATION

FOR REBUILD KITS

Parts marked with an asterisk (*) in the exploded view are supplied in Rebuild Kits. When Ordering Rebuild Kits for valves, order the Rebuild Kit number stamped on the valve nameplate. If the number of the kit is not visible, order by indicating the number of kits required, and the Catalog Number and Serial Number of the valve(s) for which they are intended.

